THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Serial No. 09/652,533
Filing Date August 31, 2000
Inventor Gurtej S. Sandhu et al
Assignee Micron Technology, Inc.
Group Art Unit 2823
Examiner W. Brewster
Attorney's Docket No. MI22-1385
Customer No. 021567
Title: Deposition Methods and Apparatuses Providing Surface Activation

## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

In compliance with 37 C.F.R. §§ 1.56, 1.97 and 1.98, your attention is directed to the United States patents and other references listed on the attached Form PTO-1449. No admission is made regarding whether all the submitted references are prior art.

This Supplemental Information Disclosure Statement is being filed together with the filing of a Request for Continued Examination (RCE) Application and before receipt of the first Office Action. Therefore, no fee is believed to be required. However, in the event that a fee is required for filing this Supplemental Information Disclosure Statement, please charge the fee specified under 37 C.F.R. §1.17(p) to Deposit Account No. 23-0925. Please credit Deposit Account No. 23-0925 with any overpayment of the above fee.

Citation of these references is respectfully requested.

Respectfully submitted,

Date: 18 Feb 2004

Attorney:

James E\Lake

Reg. No. 44,854

| II /0 ) · · · ·   |     |                    |             | DEPARTMENT OF COMMERCE<br>NT AND TRADEMARK OFFICE |                        | ATTY. DOCKET N<br>MI22-1385    |             | SERIAL NO.<br>09/652,533 |                               |     |
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| •Examiner Initial   | AD: | Document Number    | Date        | Name  |                        |                                | Class       | Subclass                 | Filing Date<br>If Appropriate |     |
|   | AA  | 6,458,416          | 10/2002     | Derderian   |                        |                                |             |                          |                               |     |
|   | AB  | 5,597,609          | 01/1997     | Beisswenger et al                                 |                        |                                |             |                          |                               |     |
|   | AC  | 5,290,824          | 09/2001     | Ishikawa et al                                    |                        |                                |             |                          |                               |     |
|   | AD  | 6,358,377          | 03/2002     | Schlorembe  | erg et al              |                                |             |                          |                               |     |
|   | AE  |                    | J           |   |                        |                                |             |                          |                               |     |
|   | AF  |                    |             |   |                        |                                | ·           |                          |                               |     |
|   | AG  |                    |             |   |                        |                                |             |                          |                               |     |
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|   | AL  |                    |             |   |                        |                                |             |                          |                               |     |
| FOREIGN PATENT DOCUMENTS  |     |                    |             |   |                        |                                |             |                          |                               |     |
|   |     | Document<br>Number | Date        |   | Country                |                                | Class       | Subclas<br>s             | Translation Yes No            |     |
|   | АМ  |                    | <u> </u>    |   |                        |                                |             |                          | 163                           | 140 |
|   | AN  |                    |             |   |                        |                                |             |                          |                               |     |
|   |     | ОТН                | HER REFEREN | ICES (includin                                    | g Author, Title, Date, | Pertinent Pages, Etc.)         | )           |                          |                               |     |
|   | AO  |                    |             |   |                        |                                |             |                          |                               |     |
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| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |     |                    |             |   |                        |                                |             |                          |                               |     |

₩artej S. Sandhu, et al.

Title:

Deposition Methods and Apparatuses Providing Surface Activation

Assignee:

Micron Technology, Inc.

Serial No.: 09/652,533

Filing Date: August 31, 2000

Docket No. MI22-1385

COPY FOR YOUR INFORMATION

## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

attached form PTO-1449 submitted compliance The is in 37 CFR §1.56. No admission is made regarding whether any of the submitted references is prior art. Copies of the references are attached.

Citation of this reference is respectfully requested.

Respectfully submitted,

Dated:

17 Jul 2003

Reg. No. 44,854

| Form PTO-1449  |  |  | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE |           |                 | ATTY. DOCKET N                 | SERI<br>09/65 | SERIAL NO.<br>09/652,533 |                    |                 |
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|  | AA   | 5,985,770  | 11/1999  | Sandhu et | ai              | <del></del>                    |               |                          |                    |                 |
|  | AB   | 5,281,274  | 1/1994   | Yoder     |                 |                                |               |                          |                    |                 |
|  | AC   | 5,366,555  | 11/1994  | Keily     | Keily           |                                |               |                          |                    |                 |
|  | AD   | 5,413,671  | 5/1995   | Ketchum   | Ketchum         |                                |               |                          |                    |                 |
|  | AE   | 5,747,113  | 5/1998   | Tsai      |                 |                                |               |                          |                    |                 |
|  | AF   | 6,306,216  | 10/2001  | Kim et al |                 |                                |               |                          |                    |                 |
|  | AG   | 5,116,640  | 5/1992   | Mikami et | al              | :                              |               |                          |                    |                 |
|  | АН   |  |  |           |                 |                                |               |                          |                    |                 |
|  | AI   |  |  |           |                 |                                |               |                          |                    |                 |
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|  | AL   |  |  |           |                 | =                              |               |                          |                    |                 |
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|  |  | Document<br>Number   | Date   |           | Country         |                                | Class         | Subclas<br>s             | Trans<br>Yes       | lation<br>No    |
|  | AM   |  |  |           |                 |                                |               |                          |                    |                 |
|  | AN OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.) |  |  |           |                 |                                |               |                          |                    |                 |
|  | AO   |  |  | `         |                 |                                |               |                          |                    |                 |
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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| Application Serial No  | 3/652.533 |
|--|-----------|
| Confirmation No  | 4487      |
| Confirmation No COPY FOR YOUR August :                         | 31, 2000  |
| Inventor Gurtej S. Sand Assignee Micron Technolo               | hu et al  |
| Assignee Micron Technolo                                       | gy, Inc.  |
| Group Art Unit   | 2823      |
| Examiner W. E  | 3rewster  |
| Attorney's Docket No   |           |
| Customer No.   | 021567    |
| Title: Deposition Methods and Apparatuses Providing Surface Ac |           |

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Citation of these references is respectfully requested.

Respectfully submitted,

Date: i4Nev 2003 Attorney:

James/E. Lake

Reg. No. 44,854

| Form PTO-1401PE  |              |   | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE |                                |                                       | ATTY, DOCKET NO.<br>M122-1385 |                                |              | SERIAL NO.<br>09/652,533 |                |  |
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| 3  |              | LIST ART CITE   | O BY APPLICANT  |                                |                                       | APPLICANT Gurtej S. Sandhu    |                                |              |                          |                |  |
|  |              | 8 2004  |   | ,,                             |                                       |                               | FILING DATE<br>August 31, 2000 |              |                          | GROUP<br>2823  |  |
| 3  | •            | 13.5  |   | U.S. PA                        | TENT DOCUMENTS                        | -                             |                                |              |                          |                |  |
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|  | AA           | 6,447,908   | 09/2002   | Yun et al                      |                                       |                               |                                |              |                          |                |  |
|  | AB           | 6,143,659   | 11/2000   | Leem                           |                                       |                               |                                |              |                          |                |  |
|  | AC           | 6,330,201   | 10/2003   | Chiang et                      | al                                    |                               |                                |              |                          |                |  |
|  | AD           |   |   |                                |                                       |                               |                                |              |                          |                |  |
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